

## CLAIMS

1. A method for tracking a virus comprising:  
copying information from a first packet;  
passing through a second packet;  
5 saving the copied information;  
determining whether an infection has been received, wherein the infection is  
associated with a network transmission, and wherein the network transmission is also  
associated with the first packet; and  
retrieving the saved information.
- 10 2. The method of claim 1, wherein the information includes a file system location.
3. The method of claim 1, wherein the information includes a file name.
4. The method of claim 1, wherein the information includes a network address of a  
source computer.
5. The method of claim 1, wherein the information is saved on a receiving computer.
- 15 6. The method of claim 1, wherein the determination of when a virus has been  
received is performed when an attempt to write a file occurs.
7. The method of claim 1, wherein the determination of when a virus has been  
received is performed when an attempt to open a file occurs.
8. The method of claim 1, wherein the determination of when a virus has been  
20 received is performed when an attempt to read a file occurs.
9. The method of claim 1, wherein the determination of when a virus has been  
received is performed when an attempt to create a file occurs.

10. The method of claim 1, wherein the determination of when a virus has been received is performed when an attempt to delete a file occurs.
11. The method of claim 1, wherein the determination of when a virus has been received is performed when an attempt to access a file occurs.
- 5 12. The method of claim 1, wherein the first packet and the second packet are both associated with a network transmission.
13. The method of claim 1, wherein the first packet and the second packet are both associated with a network transmission, and wherein the network transmission includes a plurality of network packets.
- 10 14. The method of claim 1, further comprising copying information from a third packet and saving the copied information.
15. The method of claim 1, further comprising copying and saving information from a plurality of packets, wherein the plurality of packets are a subset of a network transmission.
- 15 16. The method of claim 15, further comprising passing through a second plurality of packets, wherein the second plurality of packets are a second subset of the network transmission.
17. The method of claim 1, wherein information includes a username.
18. The method of claim 1, wherein information includes a user credential.
- 20 19. The method of claim 1, wherein information includes a name of a source computer.
20. The method of claim 1, wherein information includes a netbios name.

21. The method of claim 1, wherein information includes a domain name service name.

22. A system for tracking a virus comprising:

a processor configured to copy information from a first packet; pass through a  
5 second packet; save the copied information; determine whether an infection has been received, wherein the infection is associated with a network transmission, and wherein the network transmission is also associated with the first packet; and retrieving the saved information ; and

a memory coupled with the processor, wherein the memory is configured to  
10 provide the processor with instructions.

23. A computer program product for tracking a virus, the computer program product being embodied in a computer readable medium and comprising computer instructions for:

copying information from a first packet;  
15 passing through a second packet;  
saving the copied information;  
determining whether an infection has been received, wherein the infection is associated with a network transmission, and wherein the network transmission is also associated with the first packet; and  
20 retrieving the saved information.